

FILE 'HOME' ENTERED AT 12:58:58 ON 19 APR 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:59:13 ON 19 APR 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 APR 2007 HIGHEST RN 930838-51-0

DICTIONARY FILE UPDATES: 18 APR 2007 HIGHEST RN 930838-51-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

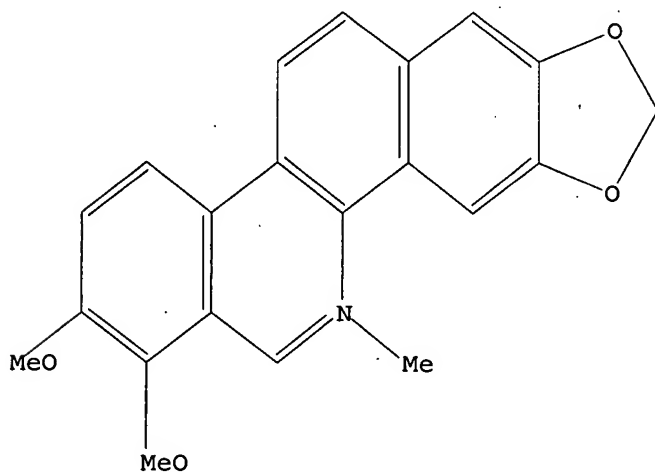
Uploading C:\Program Files\Stnexp\Queries\chelerythrine.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 fam sam

SAMPLE SEARCH INITIATED 12:59:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

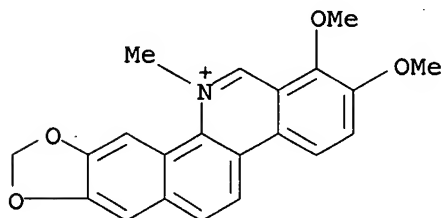
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 6 TO 266
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA FAM SAM L1

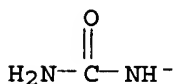
=> d scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN [1,3]Benzodioxolo[5,6-c]phenanthridinium, 1,2-dimethoxy-12-methyl-, salt
with urea (1:1) (9CI)
MF C21 H18 N O4 . C H3 N2 O

CM 1



CM 2



ALL ANSWERS HAVE BEEN SCANNED

=> s l1 fam full
FULL SEARCH INITIATED 13:00:09 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 113 TO ITERATE

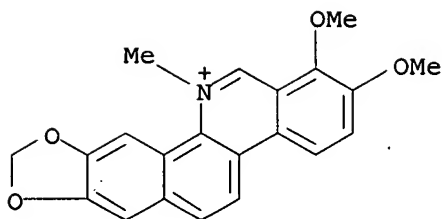
100.0% PROCESSED 113 ITERATIONS 20 ANSWERS
SEARCH TIME: 00.00.01

L3 20 SEA FAM FUL L1

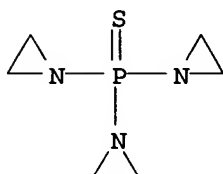
=> d scan

L3 20 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN [1,3]Benzodioxolo[5,6-c]phenanthridinium, 1,2-dimethoxy-12-methyl-, compd.
with 1,1',1''-phosphinothiolyldynetrakis[aziridine] (3:1) (9CI)
MF C21 H18 N O4 . 1/3 C6 H12 N3 P S

CM 1



CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

68.15

68.36

FILE 'CAPLUS' ENTERED AT 13:00:34 ON 19 APR 2007

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FILE COVERS 1907 - 19 Apr 2007 VOL 146 ISS 17

FILE LAST UPDATED: 18 Apr 2007 (20070418/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l3

L4 783 L3

=> s bipolar(a)disorder or manic(a)disorder

38705 BIPOLAR

98 BIPOLARS

38730 BIPOLAR

(BIPOLAR OR BIPOLARS)

258377 DISORDER

199156 DISORDERS
 407804 DISORDER
 (DISORDER OR DISORDERS)
 4142 BIPOLAR(A)DISORDER
 2499 MANIC
 23 MANICS
 2508 MANIC
 (MANIC OR MANICS)
 258377 DISORDER
 199156 DISORDERS
 407804 DISORDER
 (DISORDER OR DISORDERS)
 1096 MANIC(A)DISORDER
 L5 4472 BIPOLAR(A)DISORDER OR MANIC(A)DISORDER

=> s l4 and l5

L6 1 L4 AND L5

=> d ti au abs so py

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Chelerythrine and analogs for use in the treatment of bipolar
 disorder and other cognitive disorders
 IN Arnsten, Amy F. t.; Birnbaum, Shari G.
 AB The present invention relates to the use of chelerythrine and
 chelerythrine analogs in pharmaceutical compns. for the treatment of
 prefrontal cortical cognitive disorders, including bipolar
 disorder, among others. Chelerythrine at a dose of 0.3 mg/kg,
 s.c. reversed the detrimental effects of FG7142-induced stress exposure in
 rats.
 SO U.S. Pat. Appl. Publ., 21 pp.
 CODEN: USXXCO
 PY 2005
 2005
 2005
 2005
 2005
 2006
 2006
 2006
 2007
 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	12.75	81.11
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.78	-0.78

FILE 'REGISTRY' ENTERED AT 13:02:51 ON 19 APR 2007
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on property searching in REGISTRY, refer to:

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=> E "TODDALINE"/CN 25

E1	1	TODDALIN/CN
E2	1	TODDALIN HYDROXIDE/CN
E3	1 -->	TODDALINE/CN
E4	1	TODDALINE HYDROXIDE/CN
E5	1	TODDALININE/CN
E6	1	TODDALININE, HYDROCHLORIDE/CN
E7	1	TODDALIOPSIN A/CN
E8	1	TODDALIOPSIN B/CN
E9	1	TODDALIOPSIN C/CN
E10	1	TODDALIOPSIN D/CN
E11	1	TODDALIOPSINE B/CN
E12	1	TODDALIOPSINE C/CN
E13	1	TODDALOLACTONE/CN
E14	1	TODDALOSIN/CN
E15	1	TODDANOL/CN
E16	1	TODDANOL, (-) -/CN
E17	1	TODDANONE/CN
E18	1	TODDAQUINOLINE/CN
E19	1	TODDAQUINOLINE ACETATE (ESTER)/CN
E20	1	TODDAQUINOLINE METHYL ETHER/CN
E21	1	TODDASIATIN/CN
E22	1	TODDASIN/CN
E23	1	TODI/CN
E24	1	TODI, POLYMER WITH

A- (2-AMINO BENZOYL) -Ω- ((2-AMINO BENZOYL) OXY) POLY (OXY-1,4-BUTANEDIYL),
A-HYDRO-Ω-HYDROXYPOLY (OXY-1,4-BUTANEDIYL), 1,1'-METHYLENEBIS (4-ISOCYANATOBENZENE)
AND 1,3/CN

E25	1	TODI, POLYMER WITH
-----	---	--------------------

A- (4-AMINO BENZOYL) -Ω- ((4-AMINO BENZOYL) OXY) POLY (OXY-1,4-BUTANEDIYL),
A-HYDRO-Ω-HYDROXYPOLY (OXY-1,4-BUTANEDIYL), 4,4'-METHYLENEBIS (2-CHLOROBENZENAMINE)
AND 1,1/CN

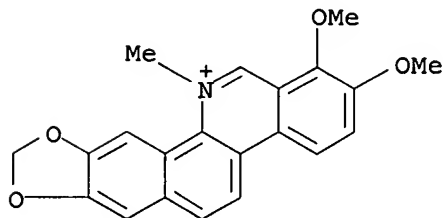
=> S E3

L7 1 TODDALINE/CN

=> DIS L7 1 IDE

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 34316-15-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN [1,3]Dioxolo[4',5':4,5]benzo[1,2-c]phenanthridinium, 1,2-dimethoxy-12-methyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Chelerythrine (6CI)
CN [1,3]Benzodioxolo[5,6-c]phenanthridinium, 1,2-dimethoxy-12-methyl- (9CI)
OTHER NAMES:
CN Chelerythrine
CN Toddalin
CN Toddaline

DR 11046-21-2, 2870-15-7
 MF C21 H18 N O4
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO,
 CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHM, DDFU, DRUGU,
 EMBASE, IMSDRUGNEWS, IMSRESEARCH, IPA, MEDLINE, MRCK*, NAPRALERT, PHAR,
 PROMT, PROUSDDR, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

595 REFERENCES IN FILE CA (1907 TO DATE)
 15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 596 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 23 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
8.25	89.36

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-0.78

CA SUBSCRIBER PRICE

FILE 'CAPLUS' ENTERED AT 13:04:24 ON 19 APR 2007

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=> d his

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L1 STRUCTURE UPLOADED

L2 1 S L1 FAM SAM

L3 20 S L1 FAM FULL

FILE 'CAPLUS' ENTERED AT 13:00:34 ON 19 APR 2007

L4 783 S L3

L5 4472 S BIPOLAR(A)DISORDER OR MANIC(A)DISORDER

L6 1 S L4 AND L5

FILE 'REGISTRY' ENTERED AT 13:02:51 ON 19 APR 2007

E "TODDALINE"/CN 25

L7 1 S E3

FILE 'CAPLUS' ENTERED AT 13:04:24 ON 19 APR 2007

=> s 34316-15-9 or cheleritrine or toddalin or cheleritrine

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L9 596 L8

17 CHELERITRINE

1 TODDALIN

17 CHELERITRINE

L10 603 L9 OR CHELERITRINE OR TODDALIN OR CHELERITRINE

=> s l10 and l5

L11 1 L10 AND L5

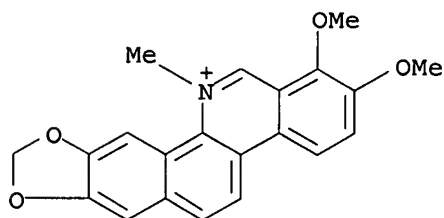
=>

Chelerythrine

From Wikipedia, the free encyclopedia

A benzophenanthridine alkaloid. A potent, selective, and cell-permeable PKC inhibitor. Chelerythrine is extracted from the plant *Chelidonium majus*.

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 34316-15-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN [1,3]Dioxolo[4',5':4,5]benzo[1,2-c]phenanthridinium, 1,2-dimethoxy-12-methyl- (CA INDEX NAME)
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 CN Toddalin
 CN Toddaline
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